



UNITED
URBAN DISTRICT OF
WOLSTANTON.



ANNUAL REPORT

OF THE

Medical Officer of Health,

(W. E. L. HORNER, M.D.)

FOR THE

YEAR 1908.



CHESTERTON :
E. BRITTAIN, PRINTER & STATIONER,
VICTORIA STREET.



Digitized by the Internet Archive
in 2018 with funding from
Wellcome Library

<https://archive.org/details/b30289075>



To THE . . .
CHAIRMAN AND COUNCILLORS
OF THE
UNITED URBAN DISTRICT OF WOLSTANTON.



GENTLEMEN,

I have the honour to present to you my FIFTH ANNUAL REPORT on the Sanitary condition of the United Urban District of Wolstanton, with the vital statistics for the year 1908.

The District is composed of the three Parishes of Wolstanton, (including part of Basford, May Bank, and Longbridge Hayes), Silverdale, (including Knutton and Cross Heath), and Chesterton, (including Red Street).

Area. The area of the District is 5,483 acres, divided as follows :—

WOLSTANTON	...	2,362	acres
SILVERDALE	...	1,764	„
CHESTERTON	...	1,357	„
		5,483	„

Population. The Population according to the census of 1891 was :—

	WOLSTANTON	...	6,473
	SILVERDALE	...	7,210
	CHESTERTON	...	6,314
			19,997
1901 was :—	WOLSTANTON	...	8,284
	SILVERDALE	...	7,820
	CHESTERTON	...	6,541
			22,645

The estimated population to the middle of 1908 was :—

	WOLSTANTON	...	11,680
	SILVERDALE	...	9,245
	CHESTERTON	...	7,930
			28,855

The Statistics in this Report are based upon that estimate.

Number of Houses. The number of inhabited houses in the District to the middle of 1908 was 5,919.

Number of persons per house ... 4.8.

These are divided as follows :—

WOLSTANTON, 2741,	No. of persons per house	4.2
SILVERDALE, 1749,	„ „ „	5.2
CHESTERTON, 1429,	„ „ „	5.5

25 new houses have been built during the year, distributed as follows :—

WOLSTANTON 12 houses and 2 Bungalows.
SILVERDALE 7 houses.
CHESTERTON 4 houses.

Houses unfit for habitation. Of the 5 houses condemned last year, 2 have been demolished, and 3 have been altered so as to be fit for habitation.

This year 8 houses have been condemned, 2 of which have been demolished, and 6 are at present in hand, either to be pulled down or put into a satisfactory condition.

Births.

The total number of Births registered in the District during the year was 863—439 boys, and 424 girls, equal to an annual Birth-rate of 29.9 per thousand of the estimated population.

This is an increase of .7 per thousand on the Birth-rate of last year.

These Births were distributed as follows :—

Wolstanton		Silverdale		Chesterton	
Boys	Girls	Boys	Girls	Boys	Girls
170	190	124	122	145	112
Total 360		Total 246		Total 257	

The following table gives the Birth-rates for the District since the formation of the Urban District :—

	Wolstanton	Silverdale	Chesterton	Whole District
1904	31.5	34.2	38.9	34.4
1905	30.7	34.03	35.06	32.9
1906	33.4	27.8	32.9	31.5
1907	29.5	26.5	31.8	29.2
1908	30.8	26.5	32.4	29.9

30 of these Births were illegitimate.

The Birth-rate in England and Wales in 1908 was 26.5 per thousand of the population, which is 0.2 per 1,000 above the rate of 1907. Compared with the average in the ten years 1898-1907, the birth-rate in 1908 showed a decrease of 1.6 per 1,000.

Month	BIRTHS.					DEATHS.				
	Whole District	Rate per 1000	Wolstanton	Silverdale	Chesterton	Whole District	Rate per 1000	Wolstanton	Silverdale	Chesterton
January	67	27.8	26	16	25	31	12.8	11	13	7
February	53	21.9	24	15	14	35	14.5	16	12	7
March	84	34.9	33	23	28	38	15.7	14	15	9
April	80	33.2	43	17	20	36	14.9	8	17	11
May	96	39.8	35	31	30	21	8.7	10	9	2
June	61	25.3	20	21	20	24	9.9	15	5	4
July	78	32.4	32	26	20	17	7.06	7	4	6
August	78	32.4	31	25	22	27	11.2	15	8	4
September	53	22.03	27	10	16	29	12.06	14	8	7
October	69	28.6	27	20	22	29	12.06	16	5	8
November	66	27.2	28	21	17	30	12.4	11	11	8
December	78	32.4	34	21	23	39	16.2	14	11	14
Total ..	863	29.9	360	246	257	356	12.3	151	118	87

Deaths.

The total number of Deaths registered in the District during the year was 330. This gives an annual death-rate of 11.4 per thousand.

No deaths occurred this year of non-residents at the Bradwell Sanatorium.

There were 26 deaths of residents occurring in Institutions outside the District :—

North Staffordshire Infirmary	8
Chell Workhouse	18

The corrected number of deaths thus becomes 356, (males 203, females 153), giving an annual death-rate of 12.3 per 1,000 of the estimated population of the District.

As will be seen from the figures given below the death-rate for the whole District is 1.2 per 1,000 lower than last year. The death-rate of Chesterton is for the first time the lowest in the district, and is 1.7 per 1,000 lower than last year. The death-rate of Wolstanton is lower than any year except 1906, and is 2.4 per 1,000 lower than last year, and the death-rate of Silverdale is 0.8 per 1,000 higher than last year.

	Whole District		Wolstanton		Silverdale		Chesterton	
Year	No of D'ths	Rate	No of D'ths	Rate	No of D'ths	Rate	No of D'ths	Rate
1904	407	16.29	139	13.75	106	13.24	162	23.6
1905	388	14.95	145	13.8	128	15.3	115	16.1?
1906	315	11.7	124	11.3	90	10.4	101	13.6
1907	377	13.5	173	15.3	107	11.9	97	12.6
1908	356	12.3	151	12.9	118	12.7	87	10.9

For all England and Wales, the death-rate in 1908 was 14.7 per 1,000, which was 0.3 per 1,000 below the rate of 1907, and lower than the rate in any other year on record.

Causes of, and Ages at Death during the Year 1908.

CAUSES OF DEATH	All ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Wolstanton	Silverdale	Chesterton	Deaths in Public Institutions.
Measles											
Scarlet Fever											
Whooping Cough	2	2						1	1		
Diphtheria and Membranous Croup	5	1	3	1						5	
Enteric Fever	4				2	2		1	1	2	
Epidemic Influenza	6					5	1	1	5		
Diarrhœa	21	15	4			1	1	6	2	13	
Enteritis	8	7				1		3	2	3	
Erysipelas											
Other septic Diseases											
Phthisis (Pulmonary Tuberculosis)	16			2	2	12		9	5	2	
Other Tubercular diseases	11	2	3	4		2		6	2	3	
Cancer, malignant diseases	13				1	7	5	6	5	2	
Bronchitis	49	8	5	1		13	22	19	20	10	
Pneumonia	23	6	6	2	1	4	4	9	8	6	
Pleurisy	1					1			1		
Other diseases of Respiratory organs	3		2			1		2		1	
Alcoholism	2					2		1	1		
Venereal Diseases	1	1						1			
Premature Birth	19	19						4	6	9	
Diseases and accidents of parturition	1					1			1		
Heart diseases	34	3		2		21	8	18	10	6	
Accidents	6	1		1		3	1	3	1	2	
Suicides											
All other causes	131	44	7	7	4	28	41	61	47	23	
All causes	356	109	30	20	10	104	83	151	118	87	Nil

Infant Mortality.

The deaths under 1 year in 1908 were 109, equal to a mortality of 126 per 1,000 registered births.

The following table shows the Infantile Mortality in the different parts of the District :—

	Whole District		Wolstanton		Silverdale		Chesterton	
Year	No of D'ths	Rate	No of D'ths	Rate	No of D'ths	Rate	No of D'ths	Rate
1904	109	126	33	103	29	105	47	138
1905	117	136	43	133	41	145	33	150
1906	95	112	35	96	27	112	33	135
1907	105	128	36	107	27	113	42	172
1908	109	126	41	111	29	117	39	151

From these figures it will be seen that Chesterton is still in the unenviable position of having the highest Infant Mortality in the district, and this in spite of the fact that this year the total death-rate of Chesterton is the lowest of any part of the district. Out of a total of 87 deaths, no less than 39, or 44 per cent. were under 1 year of age.

This high Infant Mortality is no doubt due in a great measure to the greater number of women who are working in Chesterton.

For all England and Wales, the Infant Mortality in 1908 was 121. With the exception of that recorded in the previous year, viz. :—118, this is lower than any other year on record. Compared with the average in the ten years 1898-1907, the rate of infantile mortality in 1908 showed a decrease of 21 per 1,000.

The causes of, and ages at death, are shown on the accompanying table :—

INFANT MORTALITY DURING THE YEAR 1907.

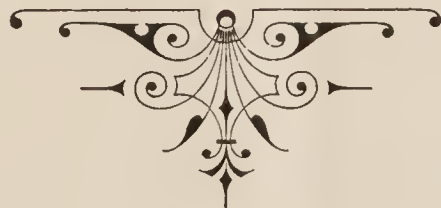
Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSES OF DISEASES		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes }	Certified ..	21	6	7	2	36	12	6	10	6	5	1	4	6	2	5	3	96
	Uncertified ..	4			1	5	2	3							1	1	1	13
Common Infectious Diseases :																		
Measles ..																		1
Diphtheria ..										1						1		2
Whooping Cough ..																		
Diarrhoeal Diseases ;																		
Diarrhoea, all forms ..			1										1					15
Enteritis (not Tuberculous)						1	2	1	3	1	3		1					5
Gastritis, Gastro-intesti-							1	1	2	1			1					2
nal Catarrh ..									1			1						
Wasting Diseases :																		
Premature Birth ..		13	4	1		18	1											19
Congenital Defects ..		4		2		6	2											8
Atrophy, Debility, Mar-		5		3	1	9	2	2						2	1			16
asmus ..																		
Tuberculous Diseases :																		
Tuberculous Meningitis ..																	1	2
Tuberculous Peritonitis :							1											
Tabes Mesenterica ..																		
Other Tuberculous dis-																		
eases ..																		
Syphilis ..										1								1
Meningitis (not Tuberculous)																		2
Convulsions ..		3	1		2	6	2	3	2		1		1		1			16
Bronchitis ..							2		2								1	8
Pneumonia ..							1						1	1				6
Suffocation, overlying..																		1
Other Causes ..				1		1							1	1			1	4
		25	6	7	3	41	14	9	10	6	5	1	4	6	3	6	4	109

Deaths not certified by a Medical Practitioner.

INQUESTS were held during the year on 12 persons, and the following verdicts were given :—

	Natural Causes.	Accidents.	Suicides.
WOLSTANTON ..	Apoplexy Heart failure Convulsions Convulsions		
SILVERDALE ..	Convulsions Fatty degn. of Heart Marasmus Senile Decay Pneumonia Heart failure	Fall downstairs	
CHESTERTON ..			



Besides the above there were 11 uncertified deaths on which no Inquests were held, the causes and ages being as follows :—

Convulsions	...	10 hours.
„	...	23 days.
„	...	2 months.
„	...	2 months.
„	...	9 months.
„	...	1 year.
Premature Birth	...	4 hours.
„ „	...	3 days.
Found dead in bed		11 months.
Heart failure	...	61 years.
„	...	70 years.

8 of these were in Wolstanton, 2 in Silverdale, and 1 in Chesterton.

The total number of uncertified deaths was therefore 23 out of the 356 in the district, equal to 6.3 per cent., which is the same as last year.

Inquests 3.29 per cent.

Uncertified deaths 3.01 per cent.

For all England and Wales, the figures for 1908 are :—

Inquests 7.0 per cent.

Uncertified deaths 1.4 per cent.

Zymotic Death-rate.

There were 32 deaths from the seven principal Epidemic Diseases, giving a rate of 1.108 per 1,000.

	Wolstanton	Silverdale	Chesterton	TOTAL	Rate per 1000
Small-pox	—	—	—	—	—
Measles	—	—	—	—	—
Scarlet Fever	—	—	—	—	—
Diphtheria	—	—	5	5	0.17
Whooping Cough ..	1	1	—	2	0.06
Enteric Fever	1	1	2	4	0.13
Diarrhœa	6	2	13	21	0.72
Total ..	8	4	20	32	1.108

This is less than last year in which there were 40 deaths under this heading, giving a death-rate of 1.43.

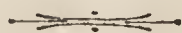
For all England and Wales the Zymotic death-rate in 1908 was 1.29.



Comparative Statistics of Births and Deaths.

	Annual rate per 1,000 Living.										Deaths under 1 year to 1,000 Births
	Births	Deaths	Principal Epidemic Diseases	Small- pox	Measles	Scarlet Fever	Diph- theria	Whoop- ing Cough	Enteric Fever	Diarr- hoea	
England and Wales ..	26.5	14.7	1.29	0.00	0.22	0.08	0.15	0.27	0.07	0.50	121
76 Great Towns ..	27.0	14.9	1.59	0.00	0.31	0.10	0.16	0.23	0.08	0.65	128
142 Smaller Towns ..	26.0	14.0	1.26	0.00	0.20	0.06	0.15	0.25	0.08	0.52	124
England and Wales less the 218 Towns	26.2	14.7	0.99	0.00	0.13	0.06	0.15	0.25	0.07	0.33	110
Wolstanton District	29.9	12.3	1.103	0.00	0.00	0.00	0.17	0.06	0.13	0.72	126

Infectious Diseases Notification Act, 1889.



91 cases have been notified during the year, including the following :—

Scarlet Fever	...	43
Diphtheria	...	30
Erysipelas	...	6
Typhoid Fever	...	10
Puerperal Fever	...	2

This is by far the lowest number yet recorded since the formation of the Urban District, as will be seen from the following table :—

	Small-pox	Diphtheria	Erysipelas	Scarlet Fever	Typhoid Fever	Puerperal Fever	TOTAL
1904	1	37	15	105	8	2	168
1905	—	44	17	120	11	1	193
1906	—	66	21	174	16	—	277
1907	—	31	24	88	5	2	150
1908	—	30	6	43	10	2	91

The usual method of dealing with these cases has been carried out throughout the year.

The houses are visited, enquiries made and noted on printed forms, and instructions as to isolation given. Removal to the Bradwell Sanatorium is urged where possible.

The Sanitary condition of the premises is carefully inquired into and inspected, and any defects found remedied.

Every infected house is disinfected, either on removal of the case, or at the expiration of the period of infection as certified by the Medical Practitioner in charge.

Disinfectants are supplied throughout the illness where the cases are treated at home.



Bradwell Sanatorium.

The Bradwell Sanatorium has continued this year to have quite sufficient accommodation to meet the needs of the district.

In addition to this district cases are also received from Kids Grove, a portion of the Smallthorne district, and the Rural District of Newcastle.

The number of available beds and cots is 35, including 17 Scarlet Fever, 10 Diphtheria and 8 Typhoid Fever.

37 cases have been removed from this district during the year, including 22 of Scarlet Fever, 10 of Diphtheria, and 5 of Typhoid Fever.

The percentage of cases removed, (44 per cent.), is less than last year in which 66 per cent. were removed.

5 deaths occurred at the Bradwell Sanatorium during the year, including 4 of Diphtheria and 1 of Typhoid Fever. Of the Diphtheria cases 3 came from Wolstanton and 1 from Chesterton, and the case of Typhoid Fever came from Chesterton.

As mentioned in my previous Reports many alterations and improvements at the Sanatorium are very urgently required. One bath has to supply all cases, there is no hot water supply in the wards, lighting is by oil lamps, the privies consist of earth closets, the laundry accommodation is insufficient, and the only means of disinfection available is fumigation with sulphur.

I understand that nothing can be done until the amount of compensation payable by Tunstall is settled. As this has already been under consideration for over a year, it is earnestly to be hoped that some conclusion will soon be arrived at so that alterations may be commenced.

Cases of Infectious Diseases notified during the Year 1908.

NOTIFIABLE DISEASE	Cases notified in whole District.							Total Cases notified in each locality			No. of Cases removed to Hospital from each locality.			Total cases removed to Hospital.
	At all Ages	At Ages—Years.						Wolstanton	Silverdale	Chesterton	Wolstanton	Silverdale	(H) Chesterton	
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and up-wards							
Diphtheria)including Membranous Group))	30	2	13	10	2	3	18	8	4	7	1	2	10	
Erysipelas	6				1	4	4		2	12	3	7	22	
Scarlet Fever	43	1	13	26	2	1	24	4	15					
Enteric Fever	10			2	3	5	4		6	1	1	3	5	
Puerperal Fever	2					2		2						
Total ..	91	3	26	38	8	15	50	14	27	20	5	12	37	

Isolation Hospital—Bradwell Sanatorium, Chesterton. Total available beds 35. No. of Diseases that can be concurrently treated 3.

Small-pox.

No cases of Small-pox have occurred in the District during the year.

Enteric or Typhoid Fever.

10 cases have been notified during the year, of which 2 were in Wolstanton, 2 in Silverdale. and 6 in Chesterton.

5 of these were removed to the Bradwell Sanatorium and 1 to the North Staffordshire Infirmary

Among these cases there were 4 deaths, giving a death-rate per 1,000 living of 0.13.

Scarlet Fever.

Scarlet Fever has been very little prevalent during the year, only 43 cases having been notified altogether, and of these 24, or more than half the total number occurred during the first three months of the year, as shown by the following table ;—

	Wolstanton	Silverdale	Chesterton	TOTAL
January	8	—	2	10
February	8	—	1	9
March	1	—	4	5
April	1	—	1	2
May.. ..	—	1	1	2
June	—	3	1	4
July.. ..	3	—	2	5
August	—	—	1	1
September	—	—	2	2
October	—	—	1	1
November	—	—	—	—
December	2	—	—	2
Total ..	23	4	16	43

The disease throughout the year has been mild in character, and no deaths have occurred.

22 cases—51 per cent. were removed to the Bradwell Sanatorium during the year. This is exactly equal to the percentage removed in 1906, but less than last year in which 76 per cent. were removed.

33 houses were infected.

Diphtheria.

30 cases of Diphtheria have been notified during the year, of which the greater number—18, (exactly the same as last year, have occurred in Wolstanton.

The following table gives the distribution in the district for each month of the year :—

				Wolstanton	Silverdale	Chesterton	TOTAL
January	..	..	..	4	—	1	5
February	..	..	..	—	1	—	1
March	..	..	..	2	—	—	2
April	..	..	..	—	—	—	—
May..	..	..	..	—	—	—	—
June	..	..	..	3	2	1	6
July..	..	..	..	3	—	1	4
August	..	..	..	2	3	—	5
September	..	..	..	1	1	1	3
October	..	..	..	1	—	—	1
November	..	..	..	1	1	—	2
December	..	..	..	1	—	—	1
Total				18	8	4	30

Amongst these cases 5 deaths occurred, giving a death-rate per 1,000 living of 0.17.

10 cases—33 per cent. were removed to the Bradwell Sanatorium.

28 houses were infected.

Antitoxin is supplied by the Council for use in necessitous cases.

Measles.

There has been no epidemic of Measles in the district during the year, and no deaths have occurred from this cause.

Whooping Cough.

Whooping Cough has been prevalent during the latter months of the year, particularly in the May Bank portion of the Wolstanton District.

There were 2 deaths from this cause during the year, 1 in Wolstanton, and 1 in Silverdale.

Closure of Schools.

No Schools have been closed on account of any epidemic during the year.

Constitutional Diseases.

There were 40 deaths under this head, viz. :—

Phthisis	...	...	16
Other Tuberculous Diseases			11
Cancer	...	...	13

Phthisis—The death-rate from Phthisis was 0.55 per 1,000. This is slightly higher than the two preceding years in which it was 0.46 and 0.48 respectively.

9 of the deaths were in Wolstanton, 5 in Silverdale, and 2 in Chesterton.

Sanitary Work.

The District has been thoroughly and systematically inspected, and altogether over 9,000 visits have been made, including special visits to Cowsheds, Slaughter-houses and Workshops, as enumerated below.

648 nuisances and defects have been discovered as enumerated on the accompanying table, most of which have been remedied.

1,223 yards of new drainage pipes have been laid during the year, viz. :—

670 yards of 4 inch pipes.

393 „ 6 „

160 „ 9 „

250 yards of old sewer which was of butt pipes, has been re-laid with glazed socketted pipes in Back Brook Street, Silverdale.

Slaughter-houses.

There are 20 Slaughter-houses and 1 knacker's yard in the district, distributed as follows :—

Wolstanton ... 8

Silverdale ... 6

Chesterton ... 7

261 visits of inspection have been made during the year, and 5 defects were found viz. :—2 broken walls, 1 broken floor, 1 broken yard paving, and 1 accumulation of manure. All of these have been remedied.

266 lbs. of beef were surrendered as unwholesome food, and were destroyed.

Dairies, Cowsheds and Milkshops.

There are 65 Cow-keepers on the register, in the district, 40 of which have dairies, and 6 Milk-sellers who do not keep Cows.

These are distributed as follows :—

Wolstanton	...	25
Silverdale	...	26
Chesterton	...	20

159 visits of inspection have been made during the year and 10 defects were found :—

- 2 with deficient light and ventilation.
- 2 defective drains.
- 1 defective floor.
- 1 with drain head inside cowshed.
- 3 wanting lime-washing.

All of these defects were remedied after notice had been given.

The 5 cowsheds mentioned in last year's Report as being in hand for alterations have been pulled down, and 3 new ones built in their place.

The Dairies were all found to be clean.

There is still a good deal of work to be done in connection with the cowsheds of the district, especially as regards light and ventilation.

Water Supply.

The Water supply to the district by the Staffordshire Potteries Waterworks Company has been good, and no complaints have been received during the year.

SUMMARY of SANITARY WORK done in the Nuisance
Inspector's Department during the year 1908,
in the Urban District of Wolstanton.

				Number of		Abatement Notices.		Nuisances abated after notice by		
				Inspections & Observations made.	Defects found.	Informal by Inspector.	Formal by Authority.	Inspector.	Authority.	
<i>Dwelling-houses and Schools.</i>	{	Foul Conditions		39	39	35	4	35	4	
		Structural Defects		44	64	57	7	57	7	
		Overcrowding		5	5	5	—	5	—	
		Unfit for Habitation		8	8	—	8	—	2	
Lodging-house		..	..	..	—	—	—	—	—	
Dairies, Milkshops and Cowsheds		..			159	10	9	1	9	1
Bakehouses		..	..	..	42	1	1	—	1	—
Slaughter-houses		..	..	..	261	5	5	—	5	—
Ashpits and Privies		..	..	..	7942	215	201	14	199	12
Deposits of Refuse and Manure		..			6	6	6	—	6	—
Water Closets		..		.	225	28	28	—	28	
<i>House Drainage</i> —				{	241	241	240	1	239	1
Défective Traps										
No Disconnection										
Other faults										
Water Supply		..	..	..	—	—	—	—	—	—
Pigsties		..	..	..	127	14	14	—	14	—
Animals improperly kept		..	..	..	—	—	—	—	—	—
Offensive Trades		..	..	..	—	—	—	—	—	—
Smoke Nuisances		..	..	..	—	—	—	—	—	—
Other Nuisances		..	..	..	12	12	11	1	10	1
Totals		..			9131	648	612	36	608	28

Unwholesome Food—266 lbs. of Deef surrendered.

Precautions against Infectious Disease.

Lots of Infected Bedding Disinfected
Houses Disinfected after Infectious Disease 75

W. SIMCOCK, Sanitary Inspector.

Factory and Workshops Act, 1901.

The total number of Factories and Workshops at present on the register is 96. These include 5 Factories and 91 Workshops.

The Factories are :—

- 2 Laundries.
- 1 Earthenware Works.
- 1 Cotton Factory.
- 1 Bone Works.

The Workshops include :—

- 23 Dressmakers.
- 21 Bakehouses.
- 17 Joiners and Builders.
- 6 Blacksmiths.
- 3 Saddlers.
- 14 Boot Repairers.
- 2 Tailors.
- 1 Knitting Shop.
- 1 Metal Caster.
- 1 Manufacturer of Post Cards.
- 1 Engraver.
- 1 Cabinet Maker.

116 visits of inspection have been made during the year, and the following defects were found and remedied.

- 2 Privy nuisances.
- 1 Insufficient privy accommodation.
- 1 Verbal notice was given to lime-wash a bakehouse.
- 2 Workshops were found without a copy of the Abstract of the Factory Act.

A new concrete floor has been put in at the Silverdale Laundry, which was mentioned in last year's Report, as being defective.

Scavenging.

The Scavenging of the district has been carried out as before, by several contractors, the district being divided for this purpose into 12 portions.

Upon the whole it has been fairly satisfactory although some complaints have been received, especially, as in former years from Longbridge Hayes.

The number of loads of ashes and night-soil removed during the year, and the cost per load are as follows :—

Wolstanton	...	5,230 loads at	£481	or	1/9 $\frac{1}{6}$ d.	per load.
Chesterton	...	4,351	„	£310	„	1/5 $\frac{3}{8}$ d. „
Knutton	...	1,413	„	£132	„	1/10 $\frac{1}{3}$ $\frac{1}{2}$ d. „
Silverdale	...	3,300	„	£298	„	1/9 $\frac{5}{8}$ d. „
Longbridge Hayes	643	„	£56	„	1/8 $\frac{7}{8}$ d.	„

making a total cost to the district of 14 937 loads removed for £1,277, or 1/8 $\frac{1}{2}$ d. per load.

39 privy cesspools were converted into water-closets, and 64 into earthenware pans during the year.

4 new latrines, containing 22 compartments have been put in at the National Schools, Wolstanton, in place of the old privies.

Sewage, &c.

The Sewage Disposal of the district remains the same as last year.

The following particulars have been furnished by the Surveyor—Mr. W. F. Slater :—

The Holditch Farm has continued to be improved. There has been a great improvement in the Ashfield Brook since the Burslem Sewage has been dealt with at their new outfall works.

The old sewer in Knutton Road, Wolstanton, which was of butt pipes has been relaid with glazed socketted pipes to take the additional flow from the new latrines at the National Schools.

The Scheme for dealing with the Sewage from Basford, Longbridge Hayes, Porthill, &c., has received the sanction of the Local Government Board.

A scheme has been prepared to deal with the Sewage from the Apedale Road district, which has received the approval of the Council, and also of the County Medical Officer. The lease for the outfall site is in course of preparation.

I have the honour to be, Gentlemen,

Your obedient servant,

W. E. L. HORNER.

February 9th, 1909.

